

Faculty of Engineering & Technology

Landscape Architecture

Information:

Course Code: ARC 453 Level: Undergraduate Course Hours: 3.00- Hours

Department : Department of Architectural Engineering

Instructor Information :						
Title	Name	Office hours				
Lecturer	DINA MAAROUF AHMED MOHAMED DIEFALLAH	1				
Assistant Lecturer	AYA TAREK IBRAHEM ABDELHADY AHMED					
Assistant Lecturer	SOFIA AYAD ESKANDER DAWOUD					
Assistant Lecturer	Fatma Elzahraa Ibrahim Ahmed Abdelrahman					
Assistant Lecturer	DINA MAHMOUD ABDELRASHID NOSEIR	3				
Teaching Assistant	Amir Bahgat Abd El Azem Ebrahim Eltantawy					

Area Of Study:

Upon successful completion of the course, the student should be able to:

- 1. Develop landscape design process awareness (including data gathering and analysis).
- 2. Develop the ability to study, analyse and solve a complex of design problems that relate to the outdoor environment.
- 3. Develop drawing and representation techniques.
- 4. Present the vocabulary, significance, characteristics, potential uses and design guidelines for landform, buildings, pavements, site structures and water-features in landscape architecture design.
- 5. Gain a basic understanding of the significance and use of the major physical components of the outdoor environment.
- 6. Establish solid links between different disciplines of landscape architecture, architecture design and urban design.
- 7. Test different design alternatives.

Description:

This course introduces the approaches, techniques and tools of Landscape Architecture. This is to understand the different five elements of the landscape; landform, water, vegetation, site furniture and paths. The students will be able to apply the design process of the landscape ar projects of different scales.

Course outcomes:



a.Knowled	ge and Understanding: :			
1 -	a1 Interpret elements of landscape design.			
2 -	a2 Identify historical background of the worlds landscape.			
3 -	a3 List different landscape architecture ideas and their applications in different projects.			
b.Intellectu	ial Skills: :			
1 -	b1 Evaluate different landscape projects			
2 -	b2 Generate alternative solutions according to different environmental conditions			
c.Professio	onal and Practical Skills: :			
1 -	c1 Design different landscape solutions and projects that integrate program, materials and Structure			
2 -	c2 Prepare detailed drawings of landscape architecture applications and site design			
3 -	c3 Express the ideas and concepts by 3d models			
d.General	and Transferable Skills: :			
1 -	d1 Work in teams.			
2 -	d2 Use different techniques and photography with focusing on manual techniques to present concept and ideas.			

Course Topic And Contents :					
Topic	No. of hours	Lecture	Tutorial / Practical		
introduction to the Scope of specialization in LA and interdisciplinary professional practice Introduction to the Elements of LA, Class work: Class Organization.	4	2	2		
Š^&c` ^kÁv@^ASæ)åÁq: { ÁÐÖ^•ã}ÁÚ [&^••kÁQQ;c^}q[^Áæ)åÁÛāc^ÁQQ;æ)• ãDÖ(æ••,[\kÁq: [,Á]Áæ)åÁ8[^&æ]}Á,ÁœÆ*•oÁr¢^ &ã^^	4	2	2		
Š^&c` ^kÁv ææ^ Á\ ^{^}o*ÁdÖ^•ã*}ÁÚ [&^••kÁZ[}ā]*Áæ)åÆ&[}&^]c`æþÁÁ] æ)ÁÁÁÔ æ••,[\kÁr•oA :[b^&oÁs ā*-Á	4	2	2		
Š^&c` ^kÁx^*^cæcā[}ÁnDÖ^•ā*}Á;![&^••kÁŪd`&c` æþÁÚ æ}Á Ô æ••,[¦\kÁŪāc^Áæ;æf`•ārÁæ;åÁ;āc^Ás[ç^}d[¦^Á;-Ás@A;![b^&c	4	2	2		
Š^&c`¦^kÁÚææ@ ĐÁÖ^•ãt}ÁÚ¦[&^••kÁ/@^Á;æ•c^¦Á; æ)Á Ô æ••,[¦\kÁZ[}ā;*Áæ)åÁ&[}&^]oÁ;~Ás@A;¦[b^&oÁ	4	2	2		
Š^&c` ^KAÛāc^Á;' }āc` ^ÁMÔ æ•, [\KÁO[[, Á]Á;}Ác@Á&[}&^]c`æþÁ; æ)	4	2	2		
Š^&c`¦^kdÖã&`••ą̃{}Á;-Ác`å^}cÁ^•^æ&@•ÁQ;) Ô 數[¦\k&ã&&`••ą̃{}Á;-Ác@ÁÖ¦æơ4;æơ°¦Á; æ) Š^&c`¦^kdÖã&`••ą̃{}Á;-Ác`å^}cÁ^•^æ&@•ÁQ;) Ô 數[¦\k&ã&`••ą̃{}Á;-Ác@ÁÖ¦æơ4;æơ°¦Á; æ)	4	2	2		
Ù à{ã•ã;}Á;Ás@Áã•oÁ;¦[b/8c	4	2	2		
Š^&c`¦^kÁÖã&`••ā[}Á;-Ánc`å^}cÁ^•^æ&@•ÁQEDÁ Ô æ••, [¦\kÁQd[å`&cā[}Á;Ko@Á^&[}åÁ;¦[b^&cÁÁ	4	2	2		
Follow up on the site inventory and analysis	4	0	4		
Ø[[¸Á]Ása)åÁsãa&*••ã[}Á;Ás@Ás[}&^]čæþÁ; æ)Ása)åÁ:[}ā]*Á	4	0	4		
Pin up of the structural plan + Discussion	4	0	4		
Pre -ājaaļÁane•^••{ ^}o4jÁs@ ÁTæec^¦Áj æ).AÉÁÖãa&*••ā[}Á	4	0	4		
Ø5) æ4Á[[¸Á]	4	0	4		
ØājæļÁÛ`à{ã•ā[}Á[¦Ás@:ÁG;åÁÚ¦[b∿&cÁ	4	0	4		



Teaching And Learning Methodologies:

Lecture.

Research

Class Work

Course Assessment:

Methods of assessment	Relative weight %	Week No	Assess What
Final exam	40.00		a1, a2, a3, a4, b1, b2
Performance & Participation	10.00		
Year work: 1st Exercise	5.00		
Year work: First project	20.00		
Year Work: Second project	25.00		

Course Notes:

No course notes are required.

Periodicals:

"Total Landscape Care Magazine

"Landscape Magazine

"Lawn & Landscape, UK.

"Total Landscape Care Magazine

"Landscape Magazine

"Lawn & Landscape, UK.

"Landscape Architecture, magazine of the American Society of Landscape Architects

"Fine Gardening American magazine

%Ganadian Gardening+ÆCanadian magazine.

"Morticulture AThe Art & Design of smart gardening magazine, UK.

″ÁÆhe English Garden-HÉÁJK.

"ÁGontractor Landscape + Landscape Manager Magazine+ÊÁustralia.

″Á⁄Easy Container gardens-Ámagazine.

"ÁMuxury Landscapes+ÉAmerica.

"Whe Essential Guide to Landscape Photography His produced by the experts at Digital SLR Magazine."

"MOLA+ÁJournal (International Journal of Landscape Architecture)

Web Sites:

http://www.gardendesign.com/ Ánttp://www.informationvine.com/home-garden/outdoor-living/landscaping/bestmagazines-landscape-design-ideas Ánttp://www.thebutterflysite.com/gardening.shtml Áhttp://www.freeconstructionmagazines.com/landscape-magazines/